**Similarity**

**Module 11 and 12**

**Module 11**

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| 4 | I can complete all level 3 objectives, as well as:   * Use similarity in real world problems. * Relate similarity (side lengths) to transformations |
| 3 | I can complete all of the level 2 objectives as well as:   * Draw a dilation in a coordinate plane. * Find missing parts of similar polygons (including triangles). |
| 2 | * I can identify scale factor and center of dilation * I can identify 2 types of dilations: reduction and enlargement   I can identify properties of similar figures (congruent angles and side ratios)  I can determine that figures are similar.  For triangles use AA, SSS, SAS |
| 1 | **Level 1- Demonstrate some level 2 objectives or have some errors in understanding with significances.**  \_\_\_  11.1, 11.3, and 11.4 With the help of the teacher, book and notes I can demonstrate knowledge about parallelograms. (Student must complete assigned homework) |
| 0 | I cannot demonstrate knowledge associated with the standard. |

**Module 12:**

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| 4 | I can complete all level 3 objectives, as well as:   * Apply Proportions in real world problems. |
| 3 | I can complete all of the level 2 objectives as well as:   * Use the proportionality theorem to prove parallel lines (Converse) |
| 2 | * Use proportions to solve for missing sides. |
| 1 | **Level 1- Demonstrate some level 2 objectives or have some errors in understanding with significances.**  \_\_\_  11.1, 11.3, and 11.4 With the help of the teacher, book and notes I can demonstrate knowledge about parallelograms. (Student must complete assigned homework) |
| 0 | I cannot demonstrate knowledge associated with the standard. |